

FORM PT 1449/A and B (Modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICATION NO.: 09/359,920	ATTY. DOCKET NO.: H0535.70009US00
		FILING DATE: July 22, 1999	CONFIRMATION NO.: 3457
		APPLICANT: Howard Green, et al.	
		GROUP ART UNIT: 1651	EXAMINER: David M. Naff
Sheet	1	of	1

U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/ Country	Number	Kind Code			
DM	B75	WO	95/23611	A1	Protein Polymer Technologies, Inc.	09-08-1995	

OTHER ART -- NON PATENT LITERATURE DOCUMENTS

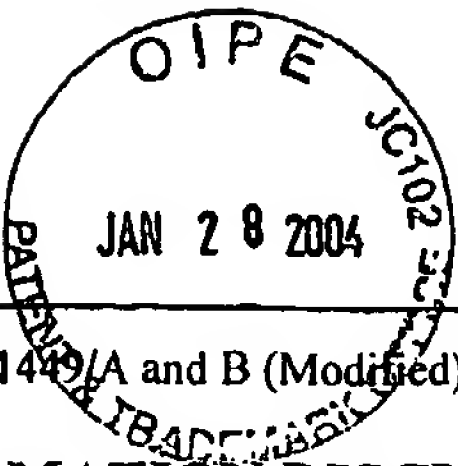
Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)

EXAMINER	DATE CONSIDERED 5/3/04
----------	------------------------

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. __, filed __, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

[NOTE - Must provide a copy of any patent, publication, other information listed, even if it was previously submitted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]



FORM PTO-1449/A and B (Modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICATION NO.: 09/359,920		ATTY. DOCKET NO.: H0535.70009US00	
		FILING DATE: July 22, 1999		CONFIRMATION NO.: 3457	
		APPLICANT: Howard Green, et al.			
		GROUP ART UNIT: 1651		EXAMINER: David M. Naff	
Sheet	1	of	1		

U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
<i>gm</i>	A257	5,202,431		della Valle et al.	04-13-1993 536/55.1

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/ Country	Number	Kind Code			

OTHER ART — NON PATENT LITERATURE DOCUMENTS

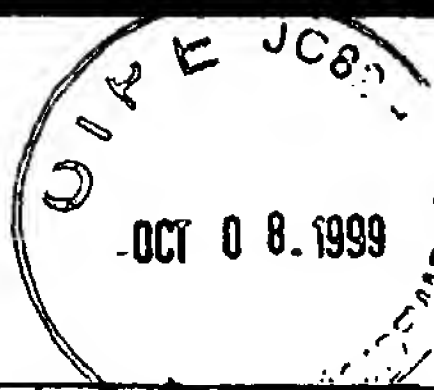
Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)	

EXAMINER <i>[Signature]</i>	DATE CONSIDERED 5/3/04
-----------------------------	------------------------

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. __, filed __, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

[NOTE - Must provide a copy of any patent, publication, other information listed, even if it was previously submitted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]



FORM PTO-1449(Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY DCKET NO. H0535/7009	SERIAL NO. 09/359,920
APPLICANT Howard Green, et al.		
FILING DATE July 22, 1999		GROUP 1617

U.S. PATENT DOCUMENTS

Exam Init	Ref Des	Document No.	Date	Name	Class	Sub Class	FILING DATE If Appropriate
<i>an</i>	AG	4,705,682	11/10/87	Moeller et al.	525	70	05/06/86
<i>en</i>	AH	5,100,956	03/31/92	O'Lenick, Jr.	514	54.1	09/30/91
<i>gn</i>	AI	5,135,913	08/04/92	Pickart	424	16	06/16/88
<i>an</i>	AJ	4,973,473	11/27/90	Schneider et al.	424	63	06/23/89
<i>gn</i>	AK	4,885,169	12/5/89	Gazzani	424	104	01/04/85
<i>an</i>	AL	4,839,168	06/13/89	Abe et al.	424	74	10/02/86
<i>an</i>	AM	4,517,175	05/14/85	Iwabuchi et al.	424	70	05/23/83
<i>gn</i>	AN	4,369,037	01/18/83	Matsunaga et al.	8	127.51	11/05/81
<i>an</i>	AO	4,279,996	06/21/81	Yoshioka et al.	435	69	09/25/79
<i>gn</i>	AP	5,091,173	02/25/92	Buultjens et al.	424	70	05/22/90
<i>gn</i>	AQ	4,338,214	07/06/82	Fischer et al.	252	545	10/16/80
<i>an</i>	AR	4,879,116	11/07/89	Fox et al.	424	682	06/13/88
<i>an</i>	AS	4,832,946	05/23/89	Green	424	70	12/14/87
<i>gn</i>	AT	5,080,888	01/14/92	Grollier et al.	424	61	04/02/91
<i>gn</i>	AU	4,699,778	10/13/87	Marty	424	59	04/23/93

FOREIGN PATENT DOCUMENTS

		Country & Doc. No. (11)	Pub. Date (43)		Class	Sub Class	Translation Yes No	
<i>an</i>	BG	JP03038511	02/1991	Sato et al. (Abstract)	<u> </u>	<u> </u>		
<i>an</i>	BI	JP61172807	08/1986	Motoki et al. (Abstract)	<u> </u>	<u> </u>		
<i>an</i>	BM	PCT WO98/13381	04/1998	Takahara et al. (Abst.Chemical Abst: Karlsruhe, DE:Abst 128:270 875	<u> </u>	<u> </u>		
<i>gn</i>	BN	PCT WO92/12238	07/23/92	The Board of Regents, University of Texas System	<u> </u>	<u> </u>		
<i>gn</i>	BO	EP 0481 504	10/18/91	Amano Pharmaceutical Co., Ltd.	<u> </u>	<u> </u>		

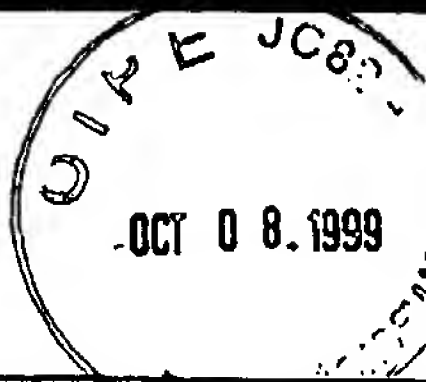
EXAMINER

[Signature]

DATE CONSIDERED

9/29/00

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.



FORM PTO-1449(Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTACHED DOCKET NO. H0535/7009	SERIAL NO. 09/359,920
APPLICANT Howard Green, et al.		
FILING DATE July 22, 1999		GROUP 1617

U.S. PATENT DOCUMENTS

Exam Init	Ref Des	Document No.	Date	Name	Class	Sub Class	FILING DATE If Appropriate
<i>an</i>	AG	4,705,682	11/10/87	Moeller et al.	525	70	05/06/86
<i>en</i>	AH	5,100,956	03/31/92	O'Lenick, Jr.	514	54.1	09/30/91
<i>gn</i>	AI	5,135,913	08/04/92	Pickart	424	16	06/16/88
<i>an</i>	AJ	4,973,473	11/27/90	Schneider et al.	424	63	06/23/89
<i>gn</i>	AK	4,885,169	12/5/89	Gazzani	424	104	01/04/85
<i>an</i>	AL	4,839,168	06/13/89	Abe et al.	424	74	10/02/86
<i>an</i>	AM	4,517,175	05/14/85	Iwabuchi et al.	424	70	05/23/83
<i>gn</i>	AN	4,369,037	01/18/83	Matsunaga et al.	8	127.51	11/05/81
<i>an</i>	AO	4,279,996	06/21/81	Yoshioka et al.	435	69	09/25/79
<i>gn</i>	AP	5,091,173	02/25/92	Buultjens et al.	424	70	05/22/90
<i>gn</i>	AQ	4,338,214	07/06/82	Fischer et al.	252	545	10/16/80
<i>an</i>	AR	4,879,116	11/07/89	Fox et al.	424	682	06/13/88
<i>an</i>	AS	4,832,946	05/23/89	Green	424	70	12/14/87
	AT	5,080,888	01/14/92	Grollier et al.	424	61	04/02/91
<i>an</i>	AU	4,699,778	10/13/87	Marty	424	59	04/23/93

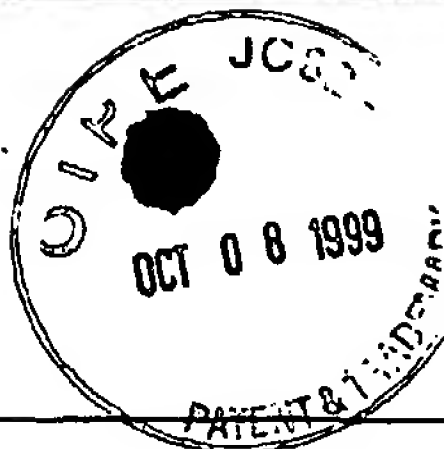
FOREIGN PATENT DOCUMENTS

		Country & Doc. No. (11)	Pub. Date (43)		Class	Sub Class	Translation Yes No	
<i>an</i>	BG	JP03038511	02/1991	Sato et al. (Abstract)	<i>---</i>	<i>---</i>		
<i>an</i>	BI	JP61172807	08/1986	Motoki et al. (Abstract)	<i>---</i>	<i>---</i>		
<i>an</i>	BM	PCT WO98/13381	04/1998	Takahara et al. (Abst.Chemical Abst: Karlsruhe, DE:Abst 128:270 875	<i>---</i>	<i>---</i>		
<i>an</i>	BN	PCT WO92/12238	07/23/92	The Board of Regents, University of Texas System	<i>---</i>	<i>---</i>		
<i>an</i>	BO	EP 0481 504	10/18/91	Amano Pharmaceutical Co., Ltd.	<i>---</i>	<i>---</i>		

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.



FORM PTO-1449(Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. H0535/7009	SERIAL NO. 09/359,920
	APPLICANT Howard Green, et al.	
	FILING DATE July 22, 1999	GROUP 1617

FOREIGN PATENT DOCUMENTS

	Country & Doc. No. (11)	Pub. Date (43)		Class	Sub Class	Translation Yes No
<i>gm</i>	BP	AU-A-13742	09/29/88	Centre International		X
<i>gm</i>	BQ	EP 0285 474	10/19/88	Centre International		X
<i>gm</i>	BR	EP 0511 116	10/19/92	Clonatec S.A.		X
<i>gm</i>	BS	JP 5-56785	5/1993	Advanced Kirin Rese		X
<i>gm</i>	BT	JP 2-204407	2/1990	Kanebo Co., Inc.		X
<i>gm</i>	BU	EP 0615 745	05/02/97	Green et al.		

OTHER ART

(Including Author, Title, Date, Pertinent Pages, Publication, Etc.)

<i>gm</i>	CF	Greenberg, "Transglutaminases: Multifunctional Cross-linking Enzymes that Stabilize Tissues," <i>FASEB J.</i> , 5:3071-3077 (1991).
<i>gm</i>	CG	Hohl, "Cornified Cell Envelope," <i>Dermatologica</i> , 180:201-211 (1990).
<i>gm</i>	CH	Hohl, "Characterization of Human Loricrin," <i>J. of Biological Chemistry</i> , 266:6626-6636 (1991).
<i>gm</i>	CI	Kvedar, "Characterization of Sciellin, a Precursor to the Cornified Envelope of Human Keratinocytes," <i>Differentiation</i> , 49:195-204 (1992).
<i>gm</i>	CJ	Markova, Profilaggrin Is a Major Epiderman Calcium-Binding Protein," <i>Molecular and Cellular Biology</i> , 13:613-625 (1993).
<i>gm</i>	CK	Marvin, "Cornifin, a Cross-Linked Envelope Precursor in Keratinocytes that Is Down-Regulated by Retinoids," <i>Biochemistry</i> , 89:11029-11030 (1992).
<i>gm</i>	CL	Mehrel, "Identification of a Major Keratinocyte Cell Envelope Protein, Loricrin," <i>Cell</i> , 61:1103-1112 (1990).
<i>gm</i>	CM	Phillips, "Primary Structure of Keratinocyte Transglutaminase," <i>Biochemistry</i> , 87:9333-9337 (1990).
<i>gm</i>	CN	Rice, "Presence in Human Epidermal Cells of a Soluble Protein Precursor of the Cross-Linked Envelope: Activation of the Cross-Linking by Calcium Ions," <i>Cell</i> , 18:681-694 (1979).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.

OCT 08 1999

Page 3 of 3

FORM PTO-1449(Modified)

LIST OF PATENTS AND PUBLICATIONS
FOR APPLICANT'S INFORMATION
DISCLOSURE STATEMENT

PATENT & ATTORNEY

ATTY. DOCKET NO. H0535/7009

SERIAL NO. 09/359,920

APPLICANT Howard Green, et al.

FILING DATE July 22, 1999

GROUP

1617

OTHER ART

(Including Author, Title, Date, Pertinent Pages, Publication, Etc.)

an	CO	Rice, "The Cornified Envelope of Terminally Differentiated Human Epidermal Keratinocytes Consists of Cross-Linked Protein," <i>Cell</i> , 11:417-422 (1977).
gn	CP	Simon, "Enzymatic Cross-Linking of Involucrin and Other Proteins by Keratinocyte Particulates in Vitro," <i>Cell</i> , 40:677-683 (1985).
en	CQ	Steven, "Biosynthetic Pathways of Filaggrin and Loricrin - Two Major Proteins Expressed by Terminally Differentiated Epidermal Keratinocytes," <i>J. of Structural Biology</i> , 104:150-162 (1990).
an	CR	Highley, "The Epidermal Keratinization Process," <i>Cosmetics & Toiletries</i> , 99:57-62 (1984).
en	CS	Rialdi et al., "Filaggrin Overview; Functions and Cosmetic Aim," <i>Cosmetics & Toiletries</i> , 103:89-94 (1988).
an	CT	(Abstract) <i>Women's Wear Daily</i> , pg. 6 (October 9, 1992).
en	CU	Banks-Schlegel, "Involucrin Synthesis and Tissue Assembly by Keratinocytes in Natural and Cultured Human Epithelia," <i>J. of Cell Biology</i> , 90:732, 737 (1981).
an	CV	Eckert, "Structure and Evolution of the Human Involucrin Gene," <i>Cell</i> , 46:583-589 (1986).
en	CW	Etoh, "Involucrin Acts as a Transglutaminase Substrate at Multiple Sites," <i>Biochemical and Biophysical Research Communications</i> , 136:51-56 (1986).
an	CX	Fietz, "The cDNA-deduced Amino Acid Sequence for Trichohyalin, A Differentiation Marker in the Hair Follicle, Contains a 23 Amino Acid Repeat," <i>J. of Cell Biology</i> , 110:427-436 (1990).
an	CY	Steven, M. et al., "Protein Composition of Cornified Cell Envelopes of Epidermal Keratinocytes," <i>J. Cell Science</i> , 107:693-700 (1994).
gn	CZ	Folk, "Transglutaminase (Guinea Pig Liver)," in <i>Methods in Enzymology</i> , Vol. 17A, 1970, pg. 889-894, Tabor H. and C. Tabor, Eds.
en	DA	Green, "Terminal Differentiation of Cultured Human Epidermal Cells," <i>Cell</i> , 11:405-416 (1977).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.